

# Hit List

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☐ 1. Document ID: JP 05156293 A

L1: Entry 1 of 2

File: JPAB

Jun 22, 1993

PUB-NO: JP405156293A

DOCUMENT-IDENTIFIER: JP 05156293 A

TITLE: BLEACHING CLEANSER COMPOSITION FOR HARD SURFACE

PUBN-DATE: June 22, 1993

## INVENTOR-INFORMATION:

NAME

COUNTRY

TAKANASHI, KAZUHIRO

OHIRA, KOZO

OGAWA, HIDEKO

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

KAO CORP

APPL-NO: JP03324480

APPL-DATE: December 9, 1991

INT-CL (IPC): C11D 10/02

## ABSTRACT:

PURPOSE: To obtain the subject composition comprising hydrogen peroxide, succinic anhydride, etc., a surfactant and a hydrotropic agent, capable of being supplied by using a spray container, promoting bleaching and cleaning effects, suitable especially against mildews.

CONSTITUTION: (A) 1-35 wt.% hydrogen peroxide or peroxide (e.g. adduct of sodium carbonate with hydrogen peroxide) to form hydrogen peroxide in an aqueous solution is blended with (B) 1-35wt.% one or more selected from a succinic anhydride, an alkyl- or alkenylsuccinic anhydride or maleic anhydride polymer and a copolymer of maleic anhydride and a monomer copolymerizable with maleic anhydride, (C) 0.1-10wt.% surfactant, (D) 0.5-30wt.% hydrotropic agent (e.g. diols, alkenylsuccinic acid or its alkali metal salt) and (E) 50-90wt.% water to give the objective composition.

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Knowl	Drawings
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☐ 2. Document ID: JP 05156293 A, JP 2951781 B2

L1: Entry 2 of 2

File: DWPI

Jun 22, 1993

DERWENT-ACC-NO: 1993-232652

DERWENT-WEEK: 199944

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TITLE: Bleach detergent compsn. for hard surfaces - contains hydrogen peroxide, one or more of (alkyl or alkenyl) succinic acid anhydride! and maleic acid anhydride! polymers, etc., hydrotrope and surfactant

PATENT-ASSIGNEE:

ASSIGNEE

CODE

KAO CORP

KAOS

PRIORITY-DATA: 1991JP-0324480 (December 9, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 05156293 A</u>	June 22, 1993		005	C11D010/10
<u>JP 2951781 B2</u>	September 20, 1999		005	C11D010/02

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 05156293A	December 9, 1991	1991JP-0324480	
JP 2951781B2	December 9, 1991	1991JP-0324480	
JP 2951781B2		JP 5156293	Previous Publ.

INT-CL (IPC): C11D 10/02; C11D 10/10; C11D 1/00; C11D 7/26; C11D 7/54; C11D 10/02; C11D 1/00; C11D 7/26; C11D 7/54; C11D 10/02

ABSTRACTED-PUB-NO: JP 05156293A

BASIC-ABSTRACT:

The compsn. contains (A) H<sub>2</sub>O<sub>2</sub> or a peroxide(s) generating H<sub>2</sub>O<sub>2</sub> in aq. soln., (B) one or a mixt. of succinic acid anhydride, alkyl/alkenyl succinic acid anhydride and maleic acid anhydride polymers and maleic acid anhydride copolymers with other copolymerisable monomers having an acid anhydride structure(s) in the skeleton, (C) a surfactant(s) and (D) a hydrotrope(s). A new spray-type bleach detergent compsn. for hard surfaces consists of 1-35 wt. % (A), 1-35 wt. % (B), 0.1-10 wt. % (C), 0.5-30 wt. % (D) and 50-90 wt. % water.

(A) is pref. one or a mixt. of sodium carbonate. H<sub>2</sub>O<sub>2</sub> adduct, 4Na<sub>2</sub>SO<sub>4</sub>.2H<sub>2</sub>O<sub>2</sub>. NaCl double complex, sodium perborate monohydrate and sodium borate tetrahydrate. (D) is pref. one or a mixt. of diols, alkenyl succinic, toluene sulphonic and xylene sulphonic acids and their alkali metal salts and urea.

USE/ADVANTAGE - The compsn. has high bleaching power and no stimulating odour and permits application from a spray container in the form of foam.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: BLEACH DETERGENT COMPOSITION HARD SURFACE CONTAIN HYDROGEN PEROXIDE  
ONE MORE ALKYL ALKENYL SUCCINIC ACID POLYANHYDRIDE MALEIC ACID POLYANHYDRIDE  
POLYMER HYDROTROPIC SURFACTANT

DERWENT-CLASS: A97 D25

CPI-CODES: A04-F05; A12-W12B; D11-B01;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0038 0231 1417 1418 1438 1439 2674 2701

Multipunch Codes: 014 034 04- 104 105 106 108 155 157 27& 28& 525 527 603 678

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1993-103726

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMIC	Drawings
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Terms	Documents
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DATE: Wednesday, March 29, 2006

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L8	L6 and ("alkyl glucoside" or "alkyl glycoside")	36
<input type="checkbox"/>	L7	L6 and ("alkyl glocoside" or "alkyl glycoside")	14
<input type="checkbox"/>	L6	L5 and (clothing or garment?)	116
<input type="checkbox"/>	L5	L3 and (spray\$ or dispenser or container or discharge\$)	563
<input type="checkbox"/>	L4	L3 and "polyoxyalkylene ether?"	3
<input type="checkbox"/>	L3	L2 and (glucoside? or "reducing sugar?")	618
<input type="checkbox"/>	L2	L1 and foam\$	2814
<input type="checkbox"/>	L1	peroxide and bleach\$ and (water or aqueous) and "nonionic surfactant?"	5035

END OF SEARCH HISTORY